

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,990,228 B1  
APPLICATION NO. : 09/718413  
DATED : January 24, 2006  
INVENTOR(S) : Charles Stephen Wiles et al.

Page 1 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page, item  
[56] REFERENCES CITED

Foreign Patent Documents

“EP 0898245 2/1999” should be deleted (duplicate).

“EP 0901105 3/1999” should be deleted (duplicate).

Other Publications

“Laurnetiini,” should read --Laurentini,--.

“Photorealistic Scene Reconstruction by Voxel Coloring”, S. Seitz et al., Proc. Conf. Computer Vision and Pattern Recognition, pp. 1067-1073, 1997.” should be deleted (duplicate).

“Plenoptic Image Editing”, S. Seitz et al., Proc. 6<sup>th</sup> International Conf. On Computer Vision, pp. 17-24” should be deleted (duplicate).

“Adaptive Least Squares Correlation: A Powerfule” should read --Adaptive Least Squares Correlation: A Powerful--.

“Automatic Reconstruction fo 3D” should read --Automatic Reconstruction of 3D--.

“Rapid Octree Construction from Image Sequences”; Richard Szeliski; CVGIP Image Understanding vol. 58. No. 1. Jul. 1993, pp. 23-32.” should be deleted (1<sup>st</sup> occurrence) (duplicate).

COLUMN 1

Line 55, “does” should read --do--.

COLUMN 7

Line 46, “length etc)” should read --length, etc.)--.

Line 54, “generated” should read --generate a--.

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COLUMN 10

Line 26, "FA to FD" should read --F<sub>A</sub> to F<sub>D</sub>--.

COLUMN 12

Line 31, "and. If" should read --and, if--.

COLUMN 13

Line 30, "S402 if" should read --S402 is--.

Line 60, " $\infty C_{TH15}$ ," should read -- $\Delta C_{TH15}$ --.

COLUMN 14

Line 21, "out" should read --out in--.

Line 29, "V1 to V6" should read --V<sub>1</sub> to V<sub>6</sub>--.

COLUMN 19

Line 9, "intermediate" should read --intermediate to--.

Line 45, "ACTH." should read -- $\Delta C_{TH}$ --.

COLUMN 20

Line 44, "FIG. 17 or 18 or FIG. 18." should read --FIG. 15 or 17, or FIG. 18.--.

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COLUMN 21

Line 26, "FA" should read --F<sub>A</sub>--.  
Line 30, "VA to VD" should read --V<sub>A</sub> to V<sub>D</sub>--.  
Line 31, "VA" should read --V<sub>A</sub>--.  
Line 34, "VA" should read --V<sub>A</sub>--; and "VX" should read --V<sub>X</sub>--.  
Line 36, "VA" should read --V<sub>A</sub>--.  
Line 37, "VD" should read --V<sub>D</sub>--.  
Line 38, "VB" should read --V<sub>B</sub>--.  
Line 39, "VC" should read --V<sub>C</sub>--.  
Line 42, "VA and VC" should read --V<sub>A</sub> and V<sub>C</sub>--.  
Line 44, "VA" should read --V<sub>A</sub>--.  
Line 45, "VC" should read --V<sub>C</sub>--.  
Line 48, "VD" should read --V<sub>D</sub>--.  
Line 51, "VD" should read --V<sub>D</sub>--.  
Line 52, "VD" should read --V<sub>D</sub>--.  
Line 54, "VD" should read --V<sub>D</sub>--.  
Line 55, "VB" should read --V<sub>B</sub>--.  
Line 62, "intermediate" should read --intermediate to--.

COLUMN 22

Line 2, "intermediate" should read --intermediate to--.

COLUMN 25

Line 9, " $K_{n+1} = \Theta_{n+1,n} K_n \Theta_{n+1,n}^T + Q_n$ " should read  
-- $K_{n+1} = \Theta_{n+1,n} K_n \Theta_{n+1,n}^T + Q_n$ --.  
Line 50, " $X \rightarrow X + G(X - HX)$ " should read --  $X \rightarrow X + G(\hat{X} - HX)$  --.

COLUMN 26

Line 27, " $K = \sqrt{(K_{11} K_{22})}$ " should read --  $K = \sqrt{(K_{11} K_{22})}$  --.

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COLUMN 28

Line 45, "(e.g." should read --(e.g.,--.  
Line 57, "(i.e." should read --(i.e.,--.  
Line 66, "(i.e." should read --(i.e.,--.

COLUMN 29

Line 14, "(i.e." should read --(i.e.,--.  
Line 60, "(i.e." should read --(i.e.,--.

COLUMN 30

Line 14, "RM Harelick and LG Shapiro:" should read  
--R.M. Harelick and L.G. Shapiro:--.  
Line 17, "J Foley, A van Dam, S Feiner and J Hughes:" should read  
--J. Foley, A. van Dam, S. Feiner and J. Hughes:--.  
Line 67, "at" should read --at a--.

COLUMN 32

Line 35, "meets" should read --meet--.

COLUMN 34

Line 31, "a another" should read --another--.

COLUMN 37

Line 8, "a another" should read --another--.

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COLUMN 40

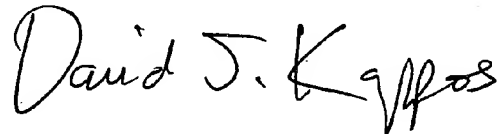
Line 42, "meets" should read --meet--.  
Line 54, "a another" should read --another--.

COLUMN 42

Line 13, "image," should read --image--.

Signed and Sealed this

Twenty-ninth Day of September, 2009

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*